Scalable Video Coding and Transcoding of Video Using Video Search Engine

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Abstract : In today's world multimedia streaming applications and multimedia services are widely increased. So it becomes very critical to prevent undesirable content leakage. The conventional systems were used to preserve user privacy by observing streamed traffic throughout the network. Even though the conventional systems maintain high detection accuracy the problem of network delay and packet loss occurs and their detection performance degrades due to variation of video lengths. The main objective of the project is to overcoming this issue by proposing Scalable video coding (SVC) algorithm which prevents network delay and packet loss due to buffering and streaming of videos of diverse lengths. Even though our device can't be able to play some multimedia application due to configuration problem then we can do this by proposing Scalable Transcoding algorithm which decodes a given signal representation of a video and re-encodes it to another.